

SITE NUMBER: B-R5-01
LOCAL NAME: Lower Campbell
WRIA: 20.0237A

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: Bogachiel **DATE:** 4/11/89 **OBSERVER:** Nettnin

CHANNEL TYPE: Terrace tributary in an old river channel (wall-based)

TRIBUTARY TO: Bogachiel River - 20.0162

SITE LOCATION: R.B. @ River mile - 10.6 (WDF)

LEGAL DESCRIPTION: NW1/4 S20 T28N R13W

	UPPER END	LOWER END	RIVER TEMP
<u>WATER TEMP:</u>	49 F	52 F	50 F
<u>FLOW (CFS):</u>	0.25	1 - 2	

SUBSTRATE TYPE: Silt & mud.

SITE SIZE: **Length-** 875m
 Width- Surface = 3 to 15 ft
 Channel = 6 to 15 ft
 Depth- to 3 ft (Channel is mostly pond/pool habitat)

WATER SOURCE: Springs and small valley-wall tribs.

DIRECTIONS TO SITE: Heading north on Hwy 101, turn left approx. 0.7 miles north of M.P. 188 onto a gated gravel road (gate is often locked). This road runs down a moderately steep grade and leads to the river bar. It crosses B-R5-01 half way between the Hwy and the bar.

FISH ACCESS AND CURRENT USE: B-R5-01 has an excellent egress and enters the river at a deep back eddy. A plunge may develop at the mouth at lower river levels. 0+ coho were seen up to the second beaver dam (i.e in the lower 150 m of the channel).

FLOODING POTENTIAL: Moderate.

LANDOWNER: Unknown at this time.

COMMENTS & RECOMMENDATIONS: Most of B-R5-01 is beaver pond and pool habitat. Two significant beaver dams occur in the lower 150 m. The lower dam (30 m above the mouth) appears to become inundated by river backwater on a regular basis during moderate to high flows and is passable at those times. The second dam (150 m above the mouth) may also be passable during high flood conditions but appears much more restrictive to juvenile coho passage. Road building and gravel mining have had impacts along the mid reach of B-R5-01. Logging debris is rather heavy in the mid to upper reaches. A small adjacent gravel pit contains isolated, ponded water but there is no indication of spring action. Should minnow trap mid and upper reaches to determine present extent of coho utilization. If the second dam is impassible it should be modified. 90% of the habitat in the B-R5-01/B-R5-02 system occurs upstream of this dam. Should check water levels throughout the winter.

DATE: 5/10/89

These observations were made during an extended dry period. There has been no significant rainfall since early April. The water temperature at the upper end of the channel (i.e. near the recent excavations) is 54 F. Flow here was estimated at less than 5 gal/min. The uppermost ponded area still contains water. The middle pond, as well as that part of the channel located below the road crossing and east of the gravel pit, are dry. The large main beaver pond remained watered. A D.O. reading of 8.0 mg/l and a water temp of 50 F were seen in the upper end of this main pond. The lower end had a D.O. of 5.0 mg/l and a water temp of 53 F. Some water was also seen in an isolated pool in the SW corner of the pit; it was 51 F.

DATE: 11/7/89

OBSERVER: Nettnin

A minnow trap was set in the channel near the upper end of the pooled area. The trap was baited with "Pautzke's" single eggs and "Siberian Killer" cluster eggs. The trap was set in about 2 ft of water near woody debris and sedges.

DATE: 11/8/89

OBSERVER: Nettnin

Fished and pulled trap that had been set yesterday. The trap fished for about 24 hrs and no fish were caught. During this time it rained very hard. The upper part of this system stayed clear while the lower end muddied up from runoff in B-R5-02 and back water from the river.

DATE: 4/4/90

OBSERVER: King

Has not rained for two weeks. Lower end of channel has had extremely high water this winter, but it appears that most was backwater. Lower beaver dam is impassable at this flow. Approx. 1/4 to 1/2 cfs flowing below dam. Upper beaver dam is also impassable. Channel is dry from 50m below the access road up to cleared area on right side of channel. At this point a small spring is flowing a trickle of water.

DATE: 1/21/98

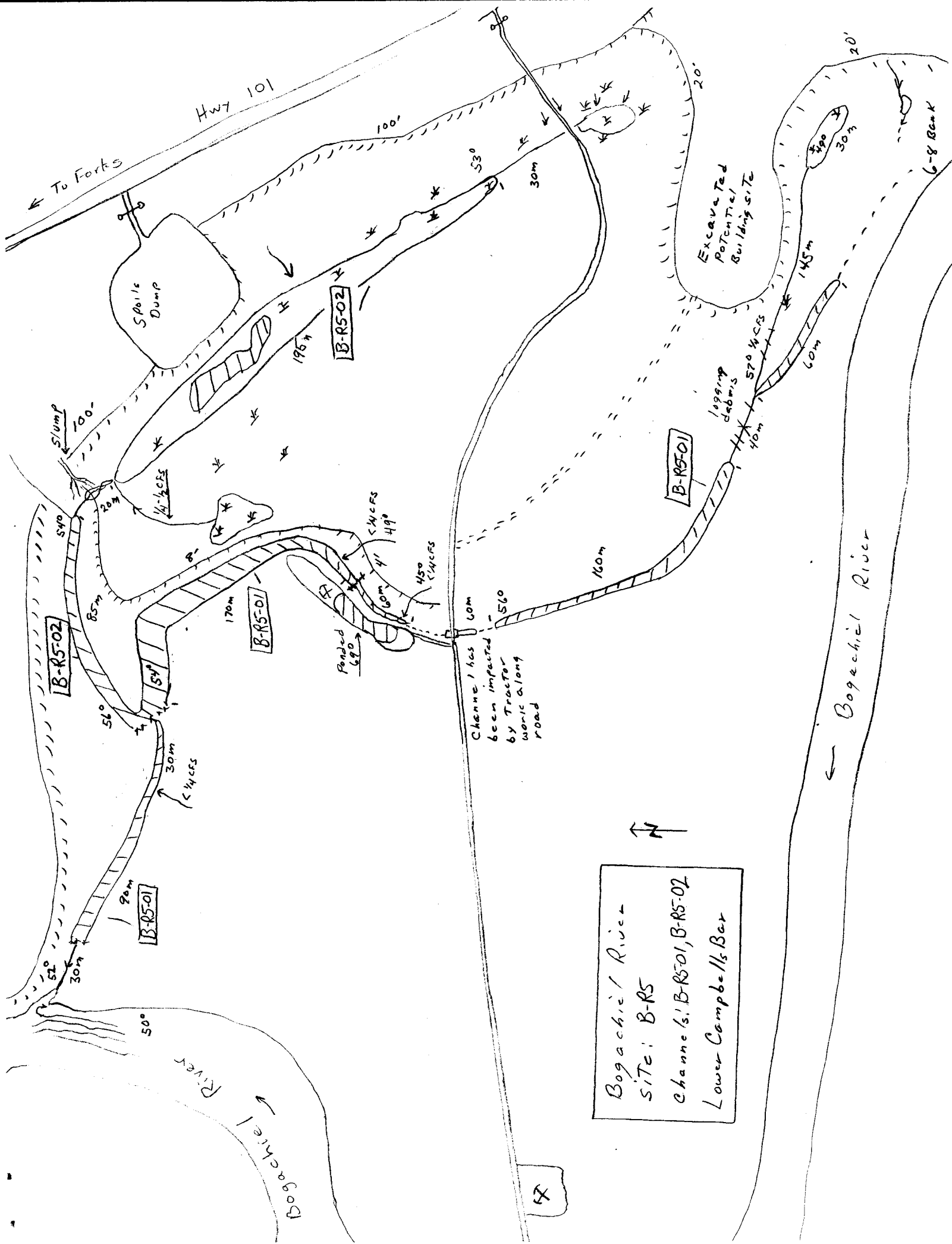
OBSERVER: Darrow

MINNOW TRAPPING REPORT

TRAP	DATE SET	TEMP	DATE PULLED	TEMP	COHO	CATCH			COTTID
						TROUT			
						RBT	CUTT	0+	
1	1/20	6.5°C	1/21		0	0	0	0	0
2	1/20	6.5°C	1/21		1	0	0	0	0
3	1/20	6.5°C	1/21		4	0	0	0	18
4	1/20	6.5°C	1/21		0	2	0	0	11
5	1/20	6.5°C	1/21		0	0	0	0	5
TOTALS:					5	2	0	0	34

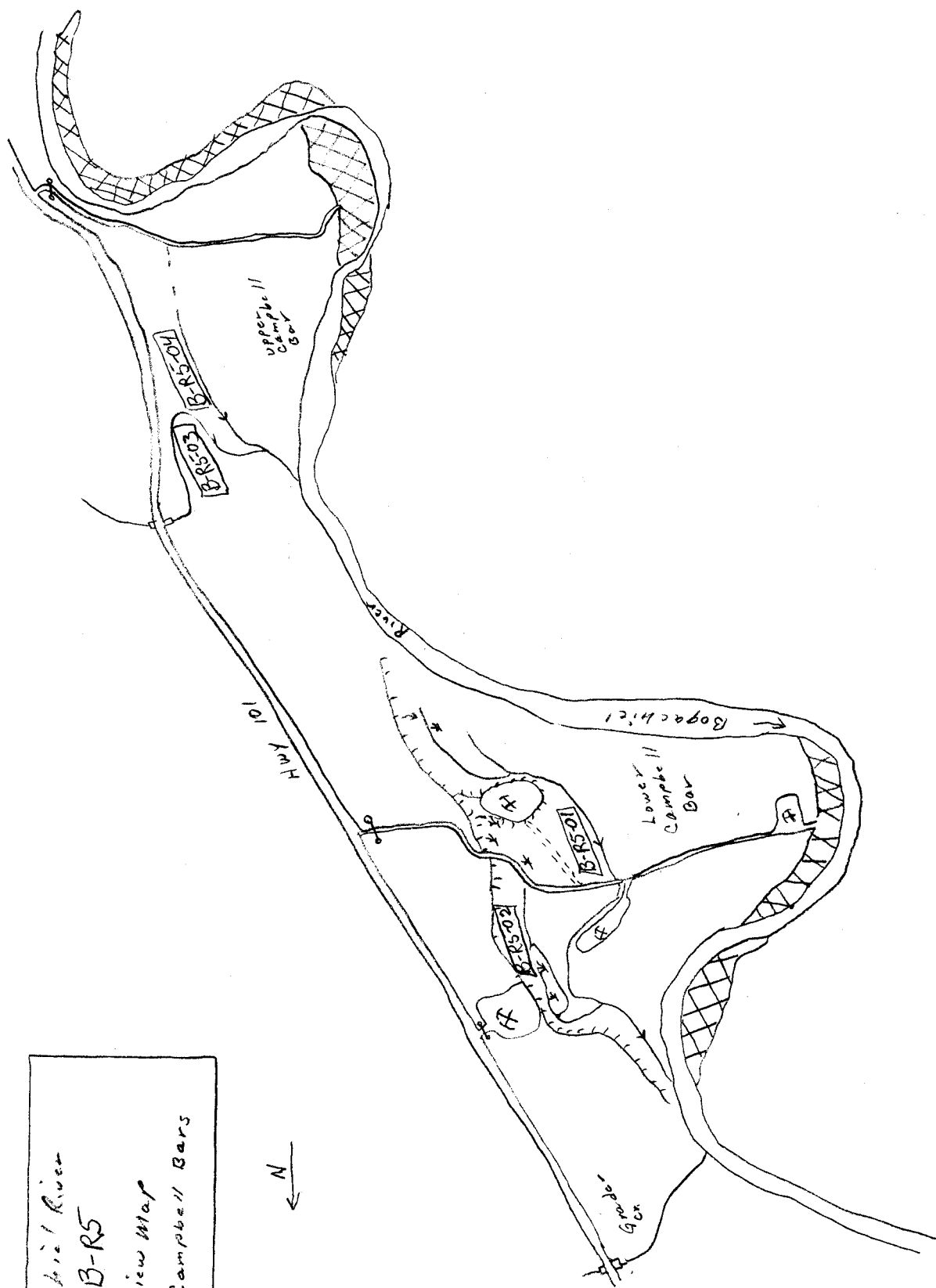
COMMENTS:

- Traps 1 and 2 were placed ~150 meters downstream of main road in excavated pit.
- Trap 3 was placed ~185 feet downstream of standpipe (upper-mid reach of channel).
- Traps 4 and 5 were placed in the lower end of channel.



Bogachiel River
sites: B-R5
channels: B-R5-01, B-R5-02
Lower Campbell's Bar

Bogachiel River
Site: B-R5
Overview Map
Name: Campbell Bars



Bogachiel River

Site B-R5

Site map

Site Name:

Upper, Lower Campbell Bar

